HellermannTyton

Helawrap Cable Management System

Organize, fasten and protect cables quickly and easily

Helawrap Cable Management System

HWPP Series, Polypropylene (PP)

The Helawrap cable management system is the flexible routing and protection solution for industrial, datacom and electrical applications. Helawrap easily wraps around cables with a "zipper-like" motion to protect against abrasion and mechanical stress caused by movement and bending. A handy application tool is included in every package for faster installations.

Features and Benefits

• Unique open design for easy branch-offs at any point along the harness.

• Overwrap formation provides abrasion protection and accommodates multiple bundle configurations.

• Flexible construction and design eliminates pinch points and minimizes bending fatigue, making it ideal for applications involving movement and vibration.

• Split shape allows for future access without disassembly.

MATERIAL	Polypropylene (PP)
Series	HWPP
Operating Temperature	-76° F to +230° F (-60° C to +110° C)
Melt Point	284° F / +140° C
Flammability	UL 94 HB

HF ✓   RoHS ✓

ARTICLE NO.	Part No.	Type	Nominal Size (Ø)	Inside Diameter Ø (OD)	Bundle Ø Max	Wall Thickness (WT)	Color	Package Quantity per Reel
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	Color	ft (m)
161-64112	161-64112	HWPP8	5/16 (8.0)	0.31 (7.87)	0.36 (9.14)	0.0295 (0.75)	Black (BK)	100.0 (30.48)
161-64213	161-64213	HWPP16	5/8 (16.0)	0.51 (12.95)	0.63 (16.00)	0.030 (0.80)	Black (BK)	100.0 (30.48)
161-64216	161-64216	HWPP16	5/8 (16.0)	0.51 (12.95)	0.63 (16.00)	0.030 (0.80)	White (WH)	100.0 (30.48)
161-64310	161-64310	HWPP20	3/4 (20.0)	0.71 (18.03)	0.83 (21.08)	0.037 (0.95)	Black (BK)	100.0 (30.48)
161-64311	161-64311	HWPP20	3/4 (20.0)	0.71 (18.03)	0.83 (21.08)	0.037 (0.95)	White (WH)	100.0 (30.48)
161-64414	161-64414	HWPP25	1 (25.0)	0.91 (23.11)	1.06 (26.92)	0.041 (1.05)	Black (BK)	100.0 (30.48)
161-64416	161-64416	HWPP25	1 (25.0)	0.91 (23.11)	1.06 (26.92)	0.041 (1.05)	White (WH)	100.0 (30.48)
161-64507	161-64507	HWPP30	1-1/4 (30.0)	0.91 (23.11)	1.26 (32.00)	0.050 (1.30)	Black (BK)	100.0 (30.48)

Use Type for ordering and specification purposes.

Helawrap Cable Management System

HWPAV0 Series, Polyamide 6 V0 (PA6V0)

The Helawrap cable management system is the flexible routing and protection solution for industrial, datacom and electrical applications. Helawrap easily wraps around cables with a "zipper-like" motion to protect against abrasion and mechanical stress caused by movement and bending. A handy application tool is included in every package for faster installations.

Features and Benefits

• Designed for applications that demand high flame retardant materials

• Unique open design allows for easy branch-offs at any point along the harness

• Overwrap formation provides abrasion protection and accommodates multiple bundle configurations

• Flexible construction and design is well suited for applications that involve movement and vibration

• Easy-to-use installation tool makes assembly fast and easy

MATERIAL	Polyamide 6 V0 (PA6V0)
Series	HWPAV0
Operating Temperature	-40° F to +194° F (-40° C to +90° C)
Melt Point	248° F / +120° C
Flammability	UL 94 V0

ARTICLE NO.	Part No.	Type	Nominal Size (Ø) in. (mm)	Inside Diameter Ø (OD) in. (mm)	Bundle Ø Max in. (mm)	Wall Thickness (WT) in. (mm)	Color	Package Quantity per Reel ft (m)
161-63103	161-63103	HWPAV08	5/16 (8.0)	0.28 (7.0)	0.36 (9.0)	0.0295 (0.75)	Black (BK)	100.0 (30.48)
161-63203	161-63203	HWPAV016	5/8 (16.0)	0.51 (13.0)	0.63 (16.0)	0.030 (0.80)	Black (BK)	100.0 (30.48)
161-63303	161-63303	HWPAV020	3/4 (20.0)	0.71 (18.0)	0.83 (21.0)	0.037 (0.95)	Black (BK)	100.0 (30.48)
161-63403	161-63403	HWPAV025	1 (25.0)	0.91 (23.0)	1.06 (27.0)	0.041 (1.05)	Black (BK)	100.0 (30.48)
161-63503	161-63503	HWPAV030	1-1/4 (30.0)	1.14 (29.0)	1.26 (32.0)	0.050 (1.30)	Black (BK)	100.0 (30.48)

Use Type for ordering and specification purposes.

Accessories for Helawrap Cable Management Systems

HWClips

The Helawrap cable management system is the flexible routing and protection solution for industrial, datacom and electrical applications. Clips can be joined to a base and another clip of any size. Different cable sizes can be bundled together, organized and protected flexibly and efficiently.

Features and Benefits

- An innovative coupling system allows for an unlimited number of bundling combinations.

- Clips can be easily released and reused.

- Clips swivel freely which reduces mechanical stress and eliminates pinch points.

- High Impact Polyamide 6.6 material provides firm fit even in rugged conditions.

- An R1 strap can be stretched over larger clips to provide a tight hold in rugged industrial applications.

- Consists of acrylate adhesive with base of polyurethane foam allowing it to adhere firmly and easily to nearly any surface.

MATERIAL	Polyamide 6.6 high impact modified, heat stabilized, UV resistant (PA66HIRHS)
Operating Temperature	-40°F to +221°F (-40°C to +105°C)
Melt Point	+284 °F (+140 °C)
Flammability	UL94 HB

HF ✓ **RoHS** ✓

MATERIAL	Flexible Polyvinyl Chloride, cadmium free (PVC)
Operating Temperature	-31°F to +185°F (-35°C to +85°C)
Flammability	UL94 V2

HF ✓ **RoHS** ✓

ARTICLE NO.	Part No.	Type	Nominal Size (Ø) in. (mm)	Color	Package Quantity
161-64002	161-64002	HWCLIP08	5/16 (8.0)	Black (BK)	50
161-64004	161-64004	HWCLIP16	5/8 (16.0)	Black (BK)	50
161-64006	161-64006	HWCLIP20	3/4 (20.0)	Black (BK)	50
161-64008	161-64008	HWCLIP25	1 (25.0)	Black (BK)	50
161-64010	161-64010	HWCLIP30	1-1/4 (30.0)	Black (BK)	50
201-20010	201-20010	R1	(----)	Black (BK)	500

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Accessories for Helawrap Cable Management Systems

HWBases

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ARTICLE NO.	Part No.	Type	Adhesive	Color	Package Quantity
161-64013	161-64013	HWBASEA	Acrylate with base of polyurethane foam	Black (BK)	50
161-64014	161-64014	HWBASE	(-------------)	Black (BK)	50

Use Type for ordering and specification purposes.

Application Tools for Helawrap Cable Management System

Helawrap Application Tools (HAT)

The new Helawrap Applicator Tool enables the user to bundle cable rapidly and effortlessly. The applicator tool has been optimized to glide smoothly and securely through the cover and therefore allow easy insertion of cable into Helawrap. The unique design also allows individual cables to be separated from the applicator tool and branched off through the cover apertures. A tool is included with each Helawrap box. Additional tools can be purchased separately.

Features and Benefits

- Designed to glide smoothly through the Helawrap sleeve for easy insertion of cable bundles.

- There is no need to disassemble wire harness when using the Helawrap Application Tool.

- Tool is designed for post installation applications allowing for unplanned engineering changes to be corrected with ease.

HF ✓   RoHS ✓

Instructions

Insert one or more cables into the insertion slot of the applicator tool.

Place the applicator tool in one end of the Helawrap sleeving.

Simply slide the applicator tool through the Helawrap sleeving.

ARTICLE NO.	Part No.	Type	Nominal Size (Ø) in. (mm)	Color	Package Quantity
161-60001	161-60001	HAT8	5/16 (8.0)	Blue (BU)	10
161-60002	161-60002	HAT16	5/8 (16.0)	Blue (BU)	10
161-60003	161-60003	HAT20	3/4 (20.0)	Blue (BU)	10
161-60004	161-60004	HAT25	1 (25.0)	Blue (BU)	10
161-60005	161-60005	HAT30	1-1/4 (30.0)	Blue (BU)	10

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Helawrap Cable Management Sleeving

Helawrap Convenience Packs

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Flammability	UL 94 HB

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ARTICLE NO.	Part No.	Type	Nominal Size (Ø) in. (mm)	Inside Diameter Ø (OD) in. (mm)	Bundle Ø Max in. (mm)	Wall Thickness (WT) in. (mm)	Color	Package Quantity per Reel ft (m)
161-62000	161-62000	HWPP16	5/8 (16.0)	0.51 (12.95)	0.63 (16.00)	0.030 (0.80)	Black (BK)	10.0 (3.05)
161-64217	161-64217	HWPP16	5/8 (16.0)	0.51 (12.95)	0.63 (16.00)	0.030 (0.80)	White (WH)	10.0 (3.05)
161-62001	161-62001	HWPP25	1 (25.0)	0.91 (23.11)	1.06 (26.92)	0.041 (1.05)	Black (BK)	10.0 (3.05)
161-64417	161-64417	HWPP25	1 (25.0)	0.91 (23.11)	1.06 (26.92)	0.041 (1.05)	White (WH)	10.0 (3.05)

Use Type for ordering and specification purposes.

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